

ABSTRACT OF THE DISCLOSURE

A coil module applied in a transformer. The coil module includes at least one conductive wire and an insulating encapsulator. A portion of the
5 conductive wire is wound into coils of a certain loop number. The coils are encapsulated by the insulating encapsulator. A metal core is provided when manufacturing a transformer. Desired coil modules are selected and installed onto the transformer so as to surround the metal core of the transformer. The coil modules are thus connected in series or in parallel for forming a desired
10 specification of the transformer.